

ABSTRACT

An audio system with a dynamic sound field adaptation to follow a listeners position. The audio system includes a relative location determination mechanism for determining the relative positions of at least all sound emitting components of the audio system with respect to each other, a personal device detector for detecting a personal device belonging to a user, a personal device position tracking mechanism for tracking the position of the personal device, and a re-calibration mechanism for re-calibrating the sound field such that the sweet spot of the sound field is placed at the current position of the personal device.